



**Material Safety Data Sheet according to the Regulat.  
1907/2006/EC(Annex II)**

Revision Date: 01.2009

Date: 16. January 2009

**1. Product details:**

**1.1 Recommended use:** **Cleaner for printing inks Coco Green (PR148)**  
Customs-tariff-no.:

**1.2 Identification of the manufacturer / supplier**

B. GRAUEL GmbH Reuchlinstraße 10-11, Bldg. A/2 <sup>nd</sup> Floor D-10553 Berlin (Federal Republic of Germany)	Phone.: +49 30 34 99 37 – 0 Fax: +49 30 34 99 37 – 22 Emergency phone:+49 30 34 99 37 – 0
Product safety:	Phone: +49 30 34 99 37 – 16 E-Mail: grauel @grauel.de

**2. Hazards possibilities**

**Hazard designation:**

**Main hazards**





According to EG directives this product is not classified as dangerous. Coco Green is considered to be relatively unarmful for man and the environment.

**3. Composition / information on ingredients**

**Chemical characterisation**

Blend of detergents and solvents

**Hazardous ingredients:**

<b>EINECS-No.</b>	<b>Name</b>	<b>Symb.</b>	<b>Conc.-%</b>
<b>CAS-No.</b>	<b>R-phrases</b>		
Polymere	Alcohol ethoxylate,		
68439-46-3	36	Xi 	1-5
263-107-3	Soap (based on pine-tree resin)		
61790-12-3	36	Xi 	1-5
265-149-8	Alifatic hydrocarbons		
64742-47-8	65, 66	Xn 	15-30
232-433-8	Citrusterpenes ( <b>natural citrus extracts</b> )		
8028-48-6	10, 65	Xn 	1-5

**Other natural and/or not dangerous ingredients:**

Water and other non hazardous additives 0-80

**Additional information:**

Meanings of R-phrases see under chapt.16.



## 4. First aid measures

<b>Inhalation</b>	n. a.
<b>Skin</b>	Take off all contaminated clothing immediately and wash skin with plenty of water.
<b>Eyes</b>	Flush eyes immediately with plenty of water for as long as possible. Keep eyelids from eyeballs to ensure careful cleaning. Always seek medical advice.
<b>Ingestion</b>	Rinse mouth with water, spit out every time, drink several glasses of water without inducing vomiting, seek medical advice.

## 5. Firefighting measures

<b>Suitable extinguishing media:</b>	All extinguishing media allowed
<b>Extinguishing media to avoid</b>	N/a.
<b>Unusual fire and explosion hazards</b>	N/a.
<b>Hazardous combusting products</b>	Carbon monoxide can occur when combustion is incomplete
<b>Special fire fighting procedures</b>	Standard equipment

## 6. Accidental release measures

<b>Personal precautions:</b>	For personal protection see heading 8
<b>Environmental precautions:</b>	Dispose as chemical waste
<b>Methods for cleaning up/taking up:</b>	Absorb with absorption product and scoop in closed containers. Dispose as chemical waste.

## 7. Handling and storage

<b>Handling</b>	
<b>Safe handling precautions</b>	Take usual precautions when working with cleaning agents
<b>Technical precautions</b>	Normal ventilation
<b>Safe storage</b>	Keep drum tightly closed. Store under frost-proof conditions
<b>Packing material</b>	PET

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Technical measures</b>	Normal ventilation
<b>Hygienic precautions</b>	Do not eat, drink or smoke during use of the product
<b>Exposure limit(s)</b>	MAC value: exposure values were not determined for this product
<b>Personal protection</b>	
<b>Respiratory</b>	n. a., normal ventilation
<b>Hands</b>	n. a.
<b>Eyes</b>	n. a.
<b>Skin</b>	n. a.



## 9. Physical and chemical properties

**Form:** Gel  
**Colour:** Yellow  
**Odour:** Unknow

	<u>Value</u>	<u>Unit</u>	<u>Method</u>
<b>Flash point</b>	N/a	°C	
<b>Auto flammability</b>	None	°C	
<b>Melting point:</b>	Unknown	°C	
<b>Viscosity:</b> 23 °C	Unknown	s/4 mm	
<b>Explosion limits %</b>			
<b>Lower explosion limit:</b>	None	Vol. %	
<b>Upper explosion limit:</b>	None	Vol. %	
<b>Solubility in water / method</b>	Complete		
<b>Boiling point:</b>	Unknown	°C	
<b>Vapour pressure:</b> 20 °C	Unknown	mbar	
<b>Vapour density:</b> 20 °C	Unknown	mbar	
<b>Relative density</b>	0,93	g/ml	
<b>pH value:</b> 20 °C	8,5		

## 10. Stability and reactivity

**Stability** Stable under normal conditions  
**Conditions to avoid** Do not mix with acids.  
**Materials to avoid** Do not mix with other chemicals  
**Hazardous decomposition** Unknown

## 11. TOXICOLOGICAL INFORMATION

**Direct toxicity** Coco Green in itself is not toxicologically investigated  
**respiration** n. a.  
**skin contact** Can cause irritation, redness after long-continued contact  
**eye contact** Can cause irritation to the eyes  
**Ingestion** Can cause sickness  
**Other information** None

## 12. ECOLOGICAL INFORMATION

**Ecotoxic effects** The biodegradability of the detergents meets the EG-requirements.  
**Further information** --

## 13. Disposal considerations

### Disposal of residue / unused products

Neutralise and flush away with plenty of water

### Polluted packing

Completely empty packing. May be offered for recycling, reconditioning or destruction purposes.



---

**14. Transport information**

**Un-Nr.** --  
**ADR/RID**  
**- Klasse** --  
**- Klassifizierungscode** --  
**IMO/IMDG klasse** --  
**ICAO/IATA klasse** --

---

**15. REGULATORY INFORMATION**

**Chemical identification**

Handcleanser

**Annex I numbering**

N/A. (preparation)

**Classification based on:**

Calculation method

**Symbol(s)**

--

**Risk phrases**

--

**Safety phrases**

--

---

**16. Other information**

**Legislation**

This Material Safety Data Sheet meets the EG line of action 1907/2006

**Explanation of Risk phrases from chapter 2 (in case of pure material)**

R10 Flammable

R36 Irritating to eyes

R65 Harmful; may cause lung damage if swallowed

R66 Repeated exposure may cause skin dryness or cracking

**Disclaimer**

All data included in this data sheet are collected with greatest care and are meant to inform the user of our product on aspects of health, safety and environment. The given information does not warrant the qualities or performance of the product itself. Each user has his own responsibility for meeting the required legal regulations as mentioned in this data sheet, if applicable in the present working conditions. Furthermore, the user has to make sure that the product can be used for the desired application and usage.

GRAUEL GmbH disclaims any responsibility for damage of any kind, caused by injudicious use of the product or data in this data sheet. We also disclaim responsibility for advices divergent from the (technical)(material safety) data sheet, that are not issued on paper by or on behalf of the product management of GRAUEL GmbH.

**B. GRAUEL GmbH**